

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. E AND INSTRUCTIONS FOR CONTINUED  
AIRWORTHINESS ICA-D412-742 REV. 4 OR LATER APPROVED REVISIONS

REF. FAA STC: SR01583SE  
REF. TCCA STC: SH05-37  
REF. EASA STC: EASA.IM.R.S.01126

## 1.0 PURPOSE

The purpose of this DSI is to increase the trimming on the D3499-3 Plastic Guard to allow for Ground Handling Wheel units with narrow wheelspans when installing the D412-742-018 Cable Guard kit.

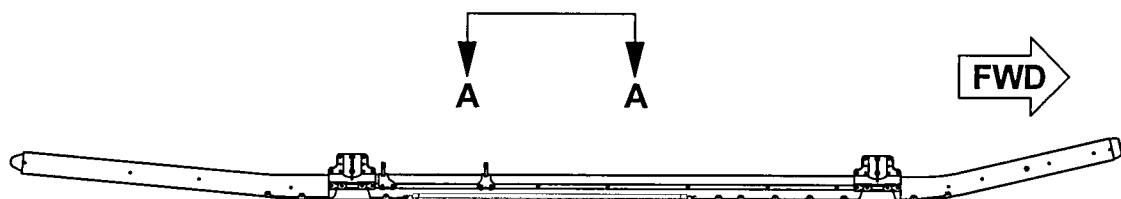
## 2.0 PROCEDURE

It is acceptable to trim the D3499-3 Plastic Guard (item 103) as shown in Figure 1. A smooth gradual slope is required when transitioning from the trimmed area back to the full width, to allow the hoist cable to move freely over the entire length of the cable guard. No jagged edges are allowed.

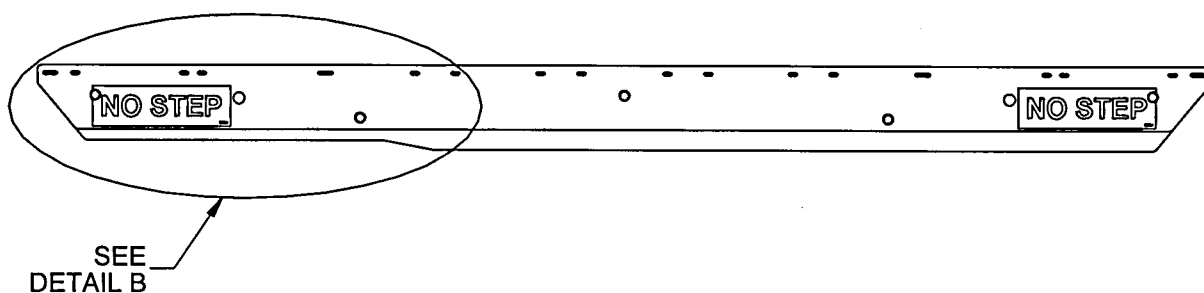
## 3.0 WEIGHT AND BALANCE

There is negligible weight and balance change associated with this modification.

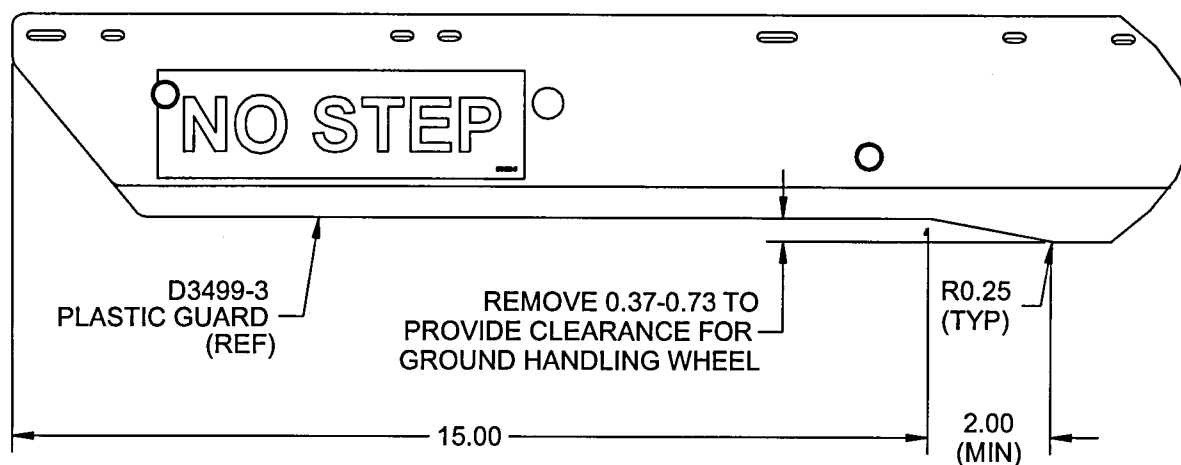
APPROVED	A	NEW ISSUE		VS	16.08.23
	REV.	DESCRIPTION		BY	DATE
	DESIGN	VS	<b>DART AEROSPACE USA, INC</b> EUGENE, OR		
	DRAWN	VS			
	CHECKED	CC	DRAWING NO.	REV. A	
	MFG. APPR.	N/A	DSI 9758	SHEET 1 OF 2	
	APPROVED	HS	TITLE	SCALE	
	DE APPR.	DS	CABLE GUARD TRIMMING	NTS	
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**D412-742-013 R/H SKIDTUBE (SHOWN, -011 SIMILAR) WITH D412-742-018 CABLE GUARD**  
(FLOAT BAGS NOT SHOWN FOR CLARITY), VIEW LOOKING INBOARD



**VIEW A: TOP VIEW OF D412-742-018**  
(SKIDTUBE NOT SHOWN)



**DETAIL B: CABLE GUARD TRIMMING DETAIL**

**FIGURE 1: D412-742-018 Cable Guard Optional Trimming**

APPROVED	DESIGN	VS	<b>DART AEROSPACE USA, INC</b> EUGENE, OR	
	DRAWN	VS		
	CHECKED	CC	DRAWING NO.	REV. A
	MFG. APPR.	N/A	DSI 9758	SHEET 2 OF 2
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	CABLE GUARD TRIMMING	NTS
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